

Title (en)
HYBRID METAL OXIDE PARTICLES

Title (de)
HYBRIDE METALLOXIDPARTIKEL

Title (fr)
PARTICULES D'OXYDES MÉTALLIQUES HYBRIDES

Publication
EP 4185646 A2 20230531 (EN)

Application
EP 21778211 A 20210721

Priority
• US 202063055014 P 20200722
• IB 2021000485 W 20210721

Abstract (en)
[origin: WO2022018512A2] Disclosed in certain embodiments are hybrid metal oxide particles and methods of preparing the same. In at least one embodiment, hybrid metal oxide particles comprise a continuous matrix of a first metal oxide having embedded therein an array of metal oxide particles comprising a second metal oxide. In at least one embodiment, the hybrid metal oxide particles are substantially non-porous.

IPC 8 full level
C09C 1/04 (2006.01); **B01D 1/18** (2006.01); **C09C 1/30** (2006.01); **C09C 1/36** (2006.01); **C09C 1/40** (2006.01)

CPC (source: EP IL US)
B01D 1/18 (2013.01 - EP IL); **C09C 1/043** (2013.01 - EP IL US); **C09C 1/3027** (2013.01 - US); **C09C 1/3045** (2013.01 - EP IL); **C09C 1/3054** (2013.01 - US); **C09C 1/3081** (2013.01 - US); **C09C 1/309** (2013.01 - US); **C09C 1/3653** (2013.01 - EP IL); **C09C 1/407** (2013.01 - EP IL US); **C09C 3/006** (2013.01 - US); **C09C 3/043** (2013.01 - US); **C09C 3/063** (2013.01 - US); **C09C 3/12** (2013.01 - US); **C01P 2002/84** (2013.01 - EP IL); **C01P 2004/03** (2013.01 - EP IL US); **C01P 2004/32** (2013.01 - US); **C01P 2004/61** (2013.01 - US); **C01P 2004/62** (2013.01 - EP IL US); **C01P 2004/64** (2013.01 - EP IL US); **C01P 2004/84** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022018512 A2 20220127; **WO 2022018512 A3 20220421**; AU 2021312270 A1 20230216; BR 112023000961 A2 20230207; CA 3186190 A1 20220127; CN 116133729 A 20230516; EP 4185646 A2 20230531; IL 299996 A 20230301; JP 2023535924 A 20230822; KR 20230041701 A 20230324; MX 2023000967 A 20230301; TW 202214522 A 20220416; US 2023348727 A1 20231102

DOCDB simple family (application)
IB 2021000485 W 20210721; AU 2021312270 A 20210721; BR 112023000961 A 20210721; CA 3186190 A 20210721; CN 202180059819 A 20210721; EP 21778211 A 20210721; IL 29999623 A 20230118; JP 2023504469 A 20210721; KR 20237002219 A 20210721; MX 2023000967 A 20210721; TW 110126734 A 20210721; US 202118014929 A 20210721